

## KENNEBEC RIVER BASIN

## 01049265 KENNEBEC RIVER AT NORTH SIDNEY, ME

(National Water Quality Assessment site)

LOCATION.--Lat 44 28'25", long 69 41'08", Kennebec County, Hydrologic Unit 01030003, on right bank at North Sidney, 5.3 mi downstream from Sebasticook River.

DRAINAGE AREA.--5,403 mi<sup>2</sup>.

PERIOD OF RECORD.--Water years 1979-95, 1999.

DISCHARGE: October 1978 to September 1993.

CHEMICAL ANALYSES: Water years 1979-93, 1995, 1999.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: October 1978 to October 1984, seasonal records 1984 to 1994.

pH: October 1978 to October 1984, seasonal records 1984 to 1994.

WATER TEMPERATURE: October 1978 to October 1984, seasonal records 1984 to 1994.

DISSOLVED OXYGEN: October 1978 to October 1984, seasonal records 1984 to 1994.

REMARKS.--Water-discharge records for the Kennebec River near Waterville (station 01049205) are used for computation of discharge.

## WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	TIME	DIS- CHARGE, IN CUBIC FEET PER SECOND (00060)	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	PH WATER WHOLE LAB (STAND- ARD UNITS) (00403)	TEMPER- ATURE AIR (DEG C) (00020)	TEMPER- ATURE WATER (DEG C) (00010)	OXYGEN, DIS- SOLVED (MG/L) (00300)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
OCT									
28...	1130	4530	82	7.3	16.8	10.1	10.6	6.6	5.7
NOV									
16...	1130	5040	83	7.2	9.1	6.0	11.2	6.4	5.5
JAN									
12...	1030	E3590	91	7.4	-8.1	.5	14.2	6.0	6.5
FEB									
03...	1000	E9010	72	7.3	9.5	.1	13.4	5.4	7.3
MAR									
17...	1000	12800	68	7.1	8.4	3.8	13.0	5.4	6.9
APR									
21...	1100	10600	54	7.8	16.5	3.5	13.0	4.4	3.5
MAY									
25...	1140	7510	81	7.1	22.5	17.0	9.2	5.4	6.2
JUN									
22...	1200	4220	78	7.7	28.8	23.0	8.6	4.9	3.7
JUL									
14...	1220	4310	82	7.4	26.0	23.3	8.3	4.6	5.2
AUG									
18...	0945	3040	87	7.5	24.9	22.3	7.1	5.5	6.1
SEP									
14...	1100	3410	57	7.6	24.3	23.5	7.8	4.9	3.6

## 01049265 KENNEBEC RIVER AT NORTH SIDNEY, ME--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DATE	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L AS SIO2) (70300)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)
OCT 28...	<.10	83	1.3	15	.81	61	3.6	7.7	11	.081
NOV 16...	<.10	81	1.3	16	.77	76	3.6	7.0	8.9	.056
JAN 12...	<.10	84	1.2	16	.83	67	4.8	8.9	12	.142
FEB 03...	<.10	79	1.2	18	.58	51	5.0	6.7	7.4	.021
MAR 17...	<.10	52	1.0	16	.67	51	4.2	5.6	5.7	.023
APR 21...	<.10	62	.92	18	.60	43	4.2	4.6	6.7	<.020
MAY 25...	<.10	60	1.0	14	.77	64	3.5	7.5	10	.040
JUN 22...	<.10	56	1.0	3.9	.86	56	3.5	8.0	12	<.020
JUL 14...	<.10	57	.99	4.4	1.1	68	3.3	9.1	12	<.020
AUG 18...	<.10	46	1.2	8.8	.92	59	2.5	8.9	8.6	<.020
SEP 14...	<.10	38	1.2	7.2	.72	36	2.9	4.4	6.8	<.020
DATE	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	PHOS- PHORUS DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS TOTAL (MG/L AS P) (00665)	PHOS- PHORUS ORTHO, DIS- SOLVED (MG/L AS P) (00671)	CARBON, ORGANIC DIS- SOLVED (MG/L AS C) (00681)	CARBON, ORGANIC SUS- PENDEDED TOTAL (MG/L AS C) (00689)	SEDI- MENT, SUS- PENDEDED (MG/L) (80154)	SED. SUSP. SIEVE DIAM. % FINER THAN .062 MM (70331)
OCT 28...	.31	.34	.010	E.046	.065	.043	6.1	.30	16	29
NOV 16...	.28	.26	.010	.052	.077	.051	7.1	.20	7	49
JAN 12...	.34	.38	.016	.055	.058	.053	6.6	<.20	2	62
FEB 03...	<.10	<.10	<.010	.023	.031	.025	6.0	.20	2	91
MAR 17...	.20	.25	<.010	.014	.026	.011	5.1	<.20	3	80
APR 21...	.20	.27	<.010	.017	.027	.029	5.6	.20	3	39
MAY 25...	.29	.30	<.010	.035	.053	.028	5.7	.50	4	85
JUN 22...	.25	.35	.019	.034	.055	.032	6.2	.30	1	80
JUL 14...	.25	.32	<.010	.034	.048	.023	6.9	.20	2	60
AUG 18...	.22	.17	<.010	.060	.069	.054	6.8	.20	1	67
SEP 14...	.20	.28	<.010	.039	.048	.030	5.2	.20	3	65